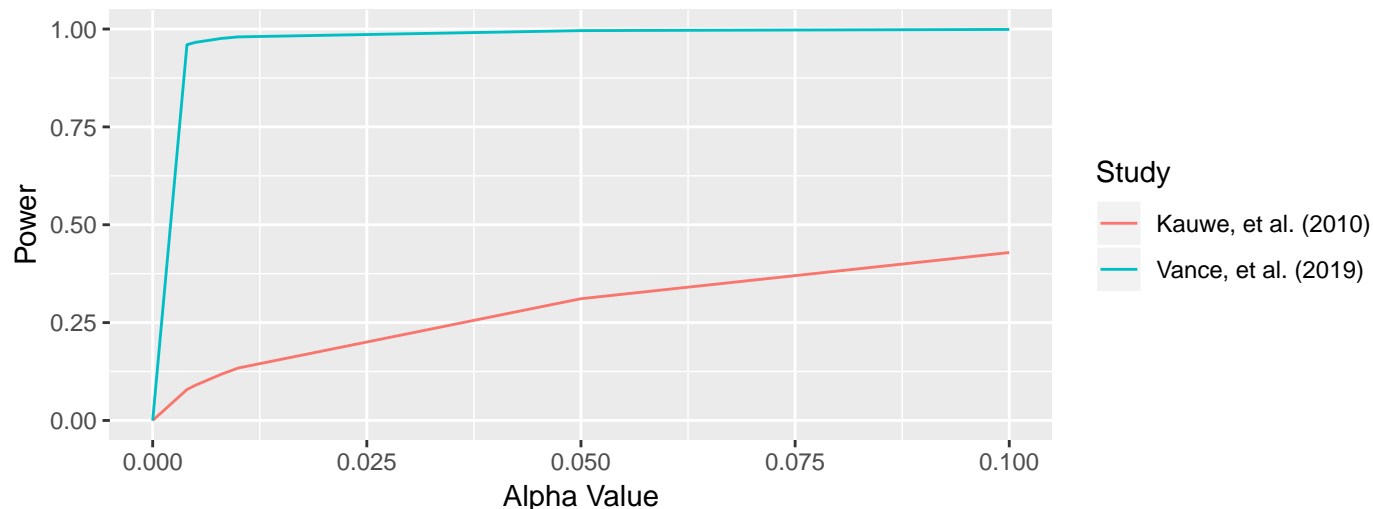


Supplemental Figure 1: Power Calculations for Logistic Regression



We computed power for the logistic regression analyses used in our study (sample size = 25666) and the Kauwe et al. (2010) study (sample size = 2503). A range of alpha values is shown on the x-axis and the corresponding level of power is shown on the y-axis. With a sample size of 25666, our analysis attains a power of .80 with an alpha value of .003. With a sample size of 2503, the Kauwe et al. (2010) study would reach a power of .80 with an alpha level of .55. The power calculation tool we used can be found at <https://www.dartmouth.edu/~eugened/power-samplesize.php> (Demidenko, 2008; Demidenko, 2007).